



**PUBLIC NOTICE**  
**THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**ANNOUNCES EXPLANATION OF SIGNIFICANT DIFFERENCE #4 FOR THE**  
**NINETEENTH AVENUE LANDFILL SUPERFUND SITE**

In July 2015, the U.S. Environmental Protection Agency (EPA) signed an Explanation of Significant Difference (ESD) for the Nineteenth Avenue Landfill Superfund Site. The Site is a 213-acre parcel (used historically as a landfill) in an industrial area within the municipal boundaries of Phoenix, in Maricopa County, Arizona. The landfill was separated into two cells on either side of the Salt River Channel. Cell A includes 200 acres located on the north side of the Salt River Channel. Cell A-1 is composed of 13 acres south of the Salt River Channel. In the 1970s, liquid industrial wastes were poured into unlined pits that were dug into areas of Cell A, previously filled with refuse in the 1960s. Part of the landfill was covered with water by at least one flood event during 1965 and intermittently during the 1970s. In 1979, the landfill was closed. In 1983, the Site was placed on EPA's National Priorities List. In 1992, a Consent Decree between the State of Arizona and the City of Phoenix was signed by the United States District Court. The Consent Decree required capping of the landfill cells, removal and treatment of the landfill methane gas, monitoring of the groundwater, flood control improvements, bank stabilization, and a contingency plan to treat groundwater if standards are exceeded.

The purpose of this ESD is to modify the remedy identified in EPA's 1989 Record of Decision (ROD) in two ways: (1) allow the current flare treatment system for Cell A-1 at the Site to be replaced with an improved carbon adsorption system (CAS) to contain and remove landfill gas contaminants; and (2) document that a Declaration of Environmental Use Restriction (DEUR) was placed in the title for the Site in 2006, and that an amendment to the DEUR was made in 2012 allowing the cap to be penetrated for emergency repairs. The DEUR is an environmental restrictive covenant incorporated into the deed that restricts the Site to non-residential use and requires the owner to retain engineering and institutional controls, including fencing and a landfill gas collection system, to prevent exposure to buried wastes.

Additional information about the Site can be found at the following addresses:

EPA Superfund Records Center  
95 Hawthorne St.  
San Francisco, CA 94105  
(415) 820-4700

Arizona Department of Environmental Quality  
1110 West Washington St.  
Phoenix, Arizona 85007  
(602) 771-4389

The ESD and other site-related information is available online at EPA's website:  
[www.epa.gov/region09/NineteenthAve](http://www.epa.gov/region09/NineteenthAve), and on ADEQ's website:  
[https://www.azdeq.gov/environ/waste/sps/19th\\_Avenue\\_Landfill.html](https://www.azdeq.gov/environ/waste/sps/19th_Avenue_Landfill.html)

If you have any questions regarding this ESD, please contact:

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